

April 24, 2002, in Response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated April 11, 2002, a copy of which is enclosed herewith. Kindly accept and insert in the Specification, a paper copy of the enclosed Sequence Listing as required under 37 C.F.R. § 1.821(c). The Sequence Listing includes no new matter in accordance with the requirements of 37 C.F.R. § 1.821(e). In compliance with 37 C.F.R. § 1.821(f), the sequence listing information recorded on the Substitute CRF copy is identical to the written (on paper) sequence listing as enclosed, herewith.

Entry of this Response is supported by the Preliminary Amendment as filed on April 24, 2002, a copy of each is enclosed, herewith. No new matter is incorporated in the Specification by this Response, in compliance with 37 C.F.R. § 1.825(d).

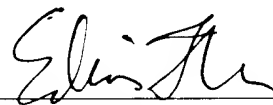
REMARKS

Applicants have submitted a Substitute CRF copy of the Sequence Listing in ASCII-DOS format in light of the CRF Diskette Problem Report and Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, dated May 30, 2002. A copy of the Sequence Listing and Preliminary Amendment (as filed with the Commissioner of Patents on April 24, 2002) has also been enclosed, herewith. The Applicants respectfully request entry of the Sequence Listing and Substitute CRF copy.

The contents of this Substitute CRF copy and the written Sequence Listing as last filed on April 24, 2002, and enclosed, herewith, are the same and include no new matter as required under 37 CFR § 1.825(d). For the foregoing reasons, the Substitute CFF is submitted to be in order and to comply with Sequence Rules C.F.R. § 1.821-1.825.

Dated: June 18, 2002.

Respectfully submitted,
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